(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR ELIPTHER see Notification (	of Transmittal of International Search Report			
(Form PCT/ISA/220) as well as, where applicable, iter					
VIB-019-PCT		(Farlingt) Princip, Data (day/manth/yant)			
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)			
PCT/EP 00/05318	08/06/2000	10/06/1999			
Applicant					
VLAAMS INTERUNIVERSITAIR	INSTITUUT VOOR				
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Aut ansmitted to the International Bureau.	hority and is transmitted to the applicant			
The state of the s	and a handle of the same of th				
This International Search Report consists  It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	s report.			
N is also assempanies by	a sopy of each prior are accument should be				
Basis of the report					
With regard to the language, the language in which it was filed, unl	international search was carried out on the ba ess otherwise indicated under this item.	sis of the international application in the			
the international search w Authority (Rule 23.1(b)).	ras carried out on the basis of a translation of	the international application furnished to this			
b. With regard to any <b>nucleotide an</b> was carried out on the basis of the		nternational application, the international search			
	onal application in written form.				
filed together with the inte	ernational application in computer readable for	m.			
furnished subsequently to	this Authority in written form.				
furnished subsequently to	this Authority in computer readble form.				
the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
		is identical to the written sequence listing has been			
iumsied					
2. X Certain claims were fou	nd unsearchable (See Box I).				
3. X Unity of invention is lac	king (see Box II).				
4. With regard to the <b>title</b> ,					
the text is approved as su					
the text has been establis	shed by this Authority to read as follows:				
5. With regard to the abstract,					
X the text is approved as su	ubmitted by the applicant.				
the text has been establis		rity as it appears in Box III. The applicant may, eport, submit comments to this Authority.			
6. The figure of the <b>drawings</b> to be pub		<del>-</del>			
as suggested by the appl	icant.	None of the figures.			
because the applicant fai	led to suggest a figure.				
because this figure better characterizes the invention.					

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-4

Non-human transgenic animal deficient in Gas6 function and its use.

2. Claims: 10; in part: 5-7

Use of an inhibitor of the Gas6 function for the manufacture of a medicament.

3. Claims: 8,9; in part: 5-7

Use of an inhibitor of a Gas6 receptor for the manufacture of a medicament.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: in part: 5-8

Claims 5-8 refer to an inhibitor of the Gas6 function and/or an inhibitor of a Gas6 receptor without giving a true technical characterization. Moreover, no such specific inhibitors are defined in the application. In consequence, the scope of said claims is ambiguous and vague, and its subject-matter is not sufficiently disclosed and supported (Art. 5 and 6 PCT).

No complete search can be carried out for such purely speculative claims whose wording is, in fact, a mere recitation of the result to be achieved.

Therefore, the search was limited to inhibitors which are either a soluble form of the AXL, MER or RSE receptor or a Gas6 antibody.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

Internal Application No PC 1 00/05318

A. CLASSI IPC 7	FICATION OF SUBJECT MATTER C12N15/00 A01K67/027 A61K38/1 A61P9/00	7 A61K39/395 //C07	K14/745,
Accordină te	, o International Patent Classification (IPC) or to both national classifica	tion and IPC	
	SEARCHED		
Minimum do	ocumentation searched (classification system followed by classification $C12N-A01K-A61K$	n symbols)	
	tion searched other than minimum documentation to the extent that so		arched
	lata base consulted during the international search (name of data base IOSIS, WPI Data, EPO-Internal, MEDLI		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 04, 30 April 1999 (1999-04-30) -& JP 11 000079 A (SHIONOGI & 6 January 1999 (1999-01-06) abstract	CO LTD),	1-4
X Furt	ther documents are listed in the continuation of box C.	Patent family members are listed i	n annex.
<ul> <li>'A' document defining the general state of the art which is not considered to be of particular relevance</li> <li>'E' earlier document but published on or after the international filing date</li> <li>'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>'O' document referring to an oral disclosure, use, exhibition or other means</li> <li>'P' document published prior to the international filing date but</li> </ul>		T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.	
Date of the	actual completion of the international search	Date of mailing of the international sea	rch report
1	1 December 2000	21/12/2000	
Name and	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Devijver, K	

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Internal Application No PCT 00/05318

C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Χ	FRIDELL YIH-WOEI C ET AL: "GAS6 induces Ax1-mediated chemotaxis of vascular smooth muscle cells."  JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 273, no. 12, 20 March 1998 (1998-03-20), pages 7123-7126, XP002154999 ISSN: 0021-9258 cited in the application page 7125, right-hand column page 7126, right-hand column abstract	5,6,8,9
X	NAKANO TORU ET AL: "Requirement of gamma-carboxyglutamic acid residues for the biological activity of Gas6: Contribution of endogenous Gas6 to the proliferation of vascular smooth muscle cells."  BIOCHEMICAL JOURNAL, vol. 323, no. 2, 1997, pages 387-392, XP002155000  ISSN: 0264-6021 cited in the application page 389, right-hand column, paragraph 1 page 390, right-hand column, paragraph 3	5,7,10
X	O'DONNELL KRISTY ET AL: "Expression of receptor tyrosine kinase Axl and its ligand Gas6 in rheumatoid arthritis: Evidence for a novel endothelial cell survival pathway."  AMERICAN JOURNAL OF PATHOLOGY, vol. 154, no. 4, April 1999 (1999-04), pages 1171-1180, XP000971169 ISSN: 0002-9440 abstract; figure 5	5,7-9

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Informa patent family members

Internation No PCT 00/05318

	Pa cited	tent document in search report		Publication date	Patent family member(s)	Publication date
	JP	11000079	Α	06-01-1999	NONE	
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